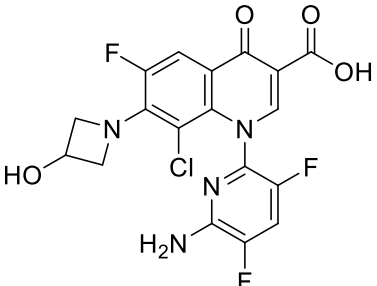




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
319852	Delafloxacin	C7R08B25

Chemical name	
1-(6-Amino-3,5-difluoropyridin-2-yl)-8-chloro-6-fluoro-7-(3-hydroxyazetidin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid	
Synonyms	
ABT-492; ABT 492; ABT492; RX-3341; RX3341; RX 3341; WQ-3034; WQ3034; WQ 3034; Delafloxacin, brand name. Baxdela	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 319852 Name: Delafloxacin CAS#: 189279-58-1 Lot#: C7R08B25 Chemical Formula: C ₁₈ H ₁₂ ClF ₃ N ₄ O ₄ Exact Mass: 440.0499 Molecular Weight: 440.76

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE